



# STIC Search Report

**EIC 3600**

**STIC Database Tracking Information** (10/812468)

**To:** Donna Wildermuth

**Location:** 3B49

**Art Unit :** 3637

**Friday, January 20, 2006**

**Case Serial Number:** 10/812468

**From:** Etelka R. Griffin

**Location:** EIC 3600

**KNOX/4B68**

**Phone:** 571-272-4230

**Etelka.griffin@uspto.gov**

**Search Notes**

**LITIGATION-6189616**

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant Patents](#)   
Terms: [patno=6189616](#) ([Edit Search](#) | [Suggest Terms for My Search](#))

522913 (09) 6189616 February 20, 2001

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

6189616

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[Link to Claims Section](#)

February 20, 2001

Expandable wellbore junction

**APPL-NO:** 522913 (09)

**FILED-DATE:** March 10, 2000

**GRANTED-DATE:** February 20, 2001

**CORE TERMS:** wellbore, tubular, connector, radially, sealing, lateral, packer, casing, sealingly, grip ...

**ENGLISH-ABST:**

Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

Source: [Legal > Area of Law - By Topic > Patent Law > Patents > U.S. Patents > Utility, Design and Plant](#)

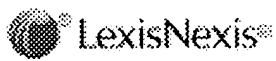
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Terms: [patno=6189616](#) ([Edit Search](#) | [Suggest Terms for My Search](#))

View: [Custom](#)

Segments: Abst, Appl-no

Date/Time: Friday, January 20, 2006 - 11:00 AM EST



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1 / 1 PLUSPAT - QUESTEL-ORBIT - image

**Patent Number :**

US6189616 B1 20010220 [US6189616]

**Title :**

(B1) Expandable wellbore junction

**Patent Assignee :**

(B1) HALLIBURTON ENERGY SERV INC (US)

**Patent Assignee :**

Halliburton Energy Services, Inc., Dallas TX [US]

**Inventor(s) :**

(B1) GANO JOHN C (US); BOWLING JOHN S (US); FREEMAN TOMMIE A (US);  
LONGBOTTOM JIM R (US)

**Application Nbr :**

US52291300 20000310 [2000US-0522913]

**Filing Details :**

Divsn of US086716 19980528 [1998US-0086716]

**Priority Details :**

US52291300 20000310 [2000US-0522913]

US8671698 19980528 [1998US-0086716]

**Intl Patent Class :**

(B1) E21B-007/08 E21B-043/14

**EPO ECLA Class :**

E21B-007/06B

E21B-023/04

E21B-023/06

E21B-029/06

E21B-033/12

E21B-033/12F

E21B-033/12F2

E21B-033/127

E21B-041/00L2

E21B-043/10F

**US Patent Class :**

ORIGINAL (O) : 166298000; CROSS-REFERENCE (X) : 166055100 166117600

166313000 166376000 175081000

**Document Type :**

Corresponding document

**Citations :**

US2331293; US2397070; US4444276; US5318122; US5330007; US5348095;

US5388648; US5425559; US5655602; US5695008; US5718288; US5771972;

US5794702; US5813465; US5937955; US6059037; EP0136935; EP0795679 A2;

WO9623953; WO9706345; WO9913195

Drilling Engineering Association "Rapid Junction" Project Proposal Form,  
Undated 1998 DEA Rapid Junction Proposal, dated Jan. 15, 1998.

**Publication Stage :**

(B1) U.S. Patent (no pre-grant pub.) after jan. 2, 2001

**Abstract :**

Multiple wellbores are interconnected utilizing a deflection device having a guide layer of lower hardness than the body of the deflection device, and a cutting tool having a guide portion and being operative to cut through the deflection device guide layer and a tubular structure lining a wellbore.

**Update Code :**

2001-14

1 / 1 LGST - @EPO

**Patent Number :**

US6189616 B1 20010220 [US6189616]

**Application Number :**

US52291300 20000310 [2000US-0522913]

**Action Taken :**

20030513 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20030214

20040928 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040330

20050628 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 20040330

**Update Code :**

2005-27

1 / 1 CRXX - @CLAIMS/RRX

**Patent Number :**

6,189,616 A 20010220 [US6189616]

**Patent Assignee :**

Halliburton Energy Services Inc

**Actions :**

20030214 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20030513

REISSUE REQUEST NUMBER: 10/367619

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20040928

REISSUE REQUEST NUMBER: 10/812597

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

20040330 REISSUE REQUESTED

ISSUE DATE OF O.G.: 20050628

REISSUE REQUEST NUMBER: 10/812468

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

Reissue Patent Number:

1 / 1 INPADOC - @INPADOC  
**Patent Number :**  
US 6189616 BA 20010220 [US6189616]  
**Title :**  
EXPANDABLE WELLBORE JUNCTION  
**Inventor(s) :**  
GANO JOHN C [US]; FREEMAN TOMMIE A [US]; LONGBOTTOM JIM R [US]; BOWLING JOHN S [US]  
**Patent Assignee (Words) :**  
HALLIBURTON ENERGY SERV INC [US]  
**Application Details :**  
US 522913/00-A 20000310 [2000US-0522913]  
**Priority Details :**  
US 522913/00-A 20000310 [2000US-0522913]  
US 86716/98-A3 19980528 [1998US-0086716]  
**Intl. Patent Class. :**  
E21B-007/08; E21B-043/14

1 / 1 LGST - @EPO  
**Patent Number :**  
US6189616 B1 20010220 [US6189616]  
**Application Number :**  
US52291300 20000310 [2000US-0522913]  
**Action Taken :**  
20030513 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20030214  
  
20040928 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040330  
  
20050628 US/RF-A  
REISSUE APPLICATION FILED  
EFFECTIVE DATE: 20040330  
**Update Code :**  
2005-27

1 / 1 CRXX - @CLAIMS/RRX  
**Patent Number :**  
6,189,616 A 20010220 [US6189616]  
**Patent Assignee :**  
Halliburton Energy Services Inc  
**Actions :**  
20030214 REISSUE REQUESTED  
ISSUE DATE OF O.G.: 20030513  
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EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

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EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 3672

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